Major to Career
Introductions

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Goals of Presentation

1. You have a major or cluster area of interest but need a CAREER PATH
2. You have a career interest, but need a MAJOR to get there
What is the Environment & Sustainability cluster?

The Environment and Sustainability Career Cluster focuses on a variety of careers and industries in protecting our Earth and its animal inhabitants. Settings include at the government level, in the field, and at universities and colleges.
You have a major or cluster area of interest but need a career path...

-Do you have a plan?
-I don't even have a "pla."
Step 1: Explore Industry Exploration Tools

1. To understand the variety of careers associated with your majors/areas of interests

2. Learn the jobs you can apply for with an undergraduate degree and which jobs need further education.
What Can I Do With This Major

https://whatcanidowiththismajor.com/major/majors/
Environmental Studies / Science

Area
Environmental Remediation/Compliance

- Ground water
- Surface water
- Soils
- Air
- Sediments
  - Remediation
  - Liability
  - Audit
  - Compliance
  - Sustainability

Employers

- Federal government:
  - Army Corps of Engineers
  - Department of Interior: Bureau of Reclamation, Office of Surface Mining, Bureau of Land Management
- Federal government continued:
  - Department of Agriculture
  - Natural Resource Conservation Service
  - Environmental Protection Agency
  - Department of Defense
- Agricultural consulting firms
- Environmental consulting firms

Strategies

- Gain experience through internships, volunteer or other part-time positions with government or private remediation projects.
- Develop excellent communication skills, both oral and written, as well as the ability to work as part of a team.
- Conduct regulatory research regarding environmental issues in area of interest.
- Plan to travel to worksites.
- Seek experience with data management, analysis and tools used for remediation (e.g., GIS, CADD, and regulatory/compliance software).
- OSHA HAZWOPER training may be required for some positions.
Life, Physical, and Social Science Occupations

Employment of life, physical, and social science occupations is projected to grow 10 percent from 2016 to 2026, faster than the average for all occupations, which will result in about 122,500 new jobs. Increasing demand for expertise in the sciences, particularly in occupations involved in biomedical research, psychology, energy management, and environmental protection, is projected to result in employment growth.

The median annual wage for life, physical, and social science occupations was $63,340 in May 2016, which was higher than the median wage for all occupations of $37,040.

<table>
<thead>
<tr>
<th>OCCUPATION</th>
<th>JOB SUMMARY</th>
<th>ENTRY-LEVEL EDUCATION</th>
<th>2016 MEDIAN PAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural and Food Science Technicians</td>
<td>Agricultural and food science technicians assist agricultural and food scientists by performing duties such as measuring and analyzing the quality of food and agricultural products.</td>
<td>Associate's degree</td>
<td>$37,550</td>
</tr>
<tr>
<td>Agricultural and Food Scientists</td>
<td>Agricultural and food scientists research ways to improve the efficiency and safety of agricultural establishments and products.</td>
<td>Bachelor's degree</td>
<td>$62,920</td>
</tr>
<tr>
<td>Anthropologists and Archeologists</td>
<td>Anthropologists and archeologists study the origin, development, and behavior of humans. They examine the cultures, languages, archeological remains, and physical characteristics of people in various parts of the world.</td>
<td>Master's degree</td>
<td>$63,190</td>
</tr>
<tr>
<td>Atmospheric Scientists, Including Meteorologists</td>
<td>Atmospheric scientists study the weather and climate, and examine how those conditions affect human activity and the earth in general.</td>
<td>Bachelor's degree</td>
<td>$92,460</td>
</tr>
<tr>
<td>Biochemists and Biophysicists</td>
<td>Biochemists and biophysicists study the chemical and physical principles of living things and of biological processes, such as cell development, growth, heredity, and disease.</td>
<td>Doctoral or professional degree</td>
<td>$82,180</td>
</tr>
<tr>
<td>Biological Technicians</td>
<td>Biological technicians help biological and medical scientists conduct laboratory tests and experiments.</td>
<td>Bachelor's degree</td>
<td>$42,520</td>
</tr>
</tbody>
</table>
What do you want to do for a living?

"I want to be a ..."
Search careers with key words.
Describe your dream career in a few words:
Examples: doctor, build houses
Search

"I'll know it when I see it."
Browse careers by industry.
There are over 900 career options for you to look at. Find yours in one of these industries:
Administration & Support Services
Browse

"I'm not really sure."
Tell us what you like to do.
Answer questions about the type of work you might enjoy. We'll suggest careers that match your interests and training.
Start

Still not sure? Check out careers in these groups:
Bright Outlook
Job Prep
Available

Are you a veteran looking for work? My Next Move for Veterans helps you find a civilian career similar to your military job.

¿Habla español?
MI Próximo Paso incluye carrera, education, información sobre salarios y más de 500 carreras diferentes.
TypeFocus

http://web.uri.edu/career/professional-development-modules/
www.typefocus.com
Step 2: Connect with Professionals

1. To gain a greater understanding of where your major can lead you on your career path.

2. To make useful networking connections; opening you up to more opportunities to explore various career paths.
Utilize LinkedIn to view Alumni in your field

1. To understand what position titles are out there for students graduating with the same degree

2. To see where others who were in your position started and where their career path has taken them

TIP: Not sure how to set up a LinkedIn account? Come to drop in hours in the Career Center: M-F, 10am-3pm
Informational Interview

What is it?

- Setting up a time to speak with professionals in the career field that you are interested in.

Why it’s helpful.

- You can learn about their career path
- They can answer questions you may have about the career
- Gain feedback and advice on how to succeed in that profession

“Interview someone whose job you want & discover how they got it.”
Job Shadow

What is it?

- Opportunity to look further into a career path by setting up a time to observe the typical routine of someone in the profession you are interested in.

Why it’s helpful.

- See what the day to day work looks like
- Connect with professionals to learn more about the field
You have a career interest but are looking for a major to get there...

I am 100% certain that I am 0% sure of what I’m going to do.
Step 1: Exploration = Preparation!

Utilize the “Finding a Best-Fit Major” pathway to consider major options and to prepare for a meeting with an Academic Advisor.

http://web.uri.edu/advising/exploring-majors/
What are my options?

- Examine the list of majors to narrow it down to your interests
- Make an appointment with an Academic Advisor after doing your research

http://web.uri.edu/advising/interest-clusters/
Exploring Majors & Careers Module

http://web.uri.edu/career/professional-development-modules/
Explore Job Postings for Industry Information

TIP: Look up job postings for a position title that you think you may be interested in

1. Gather information and see what kind of undergraduate or graduate degree that position would need

2. Learn what skills employers are seeking for that position
YOUR INTERNSHIP WITH TNC
The Nature Conservancy’s GLOBE (Growing Leaders on Behalf of the Environment) summer internship program hires undergraduate students, graduate students, or recent college graduates (2016, 2017, and 2018) to fill paid internship positions during a 10-week summer internship. Our mission is to provide a unique opportunity to bridge the gap between academics and the real-world conservation work that contributes to the health and sustainability of our world. The GLOBE Program recruits individuals from a variety of backgrounds and experiences who are interested in contributing to our conservation goals in various fields. The GLOBE Program offers a structured orientation, professional training, network opportunities, mentoring program, and real work experience.

ESSENTIAL FUNCTIONS

2018 will be the 6th year the Rhode Island Chapter has been a part of the GLOBE Summer Internship Program. The Block Island office has been around for 26 years and is an excellent example of community-based conservation. One of the most important ecological features of the island is the Great Salt Pond. Six years ago, we decided that we needed to better understand and protect this resource. We have designed a monitoring program to give us this information. The Block Island office is looking to hire two (2) Great Salt Pond interns that will provide vital assistance to ensure this work is done and done right. Specifically, the interns will be responsible for assisting in all facets of the Great Salt Pond monitoring program. From data collection to entering the analysis.

These projects include juvenile fish seineing, enhanced fish survey, water quality, video survey, invert survey, salt marsh survey and much more. This work would not happen without the GLOBE interns. They are also a part of a large team of youth working for TNC on the island (LEAF (high school summer interns), seasonal assistants, youth conservation league, and volunteers).

RESPONSIBILITIES AND SCOPE

- Responsible for assisting in all facets of the Great Salt Pond monitoring program
- Data collection to entering analysis
- Projects include juvenile fish seineing, enhanced fish survey, water quality, video survey, invert survey, and much more.

MINIMUM QUALIFICATIONS

- HS Diploma or equivalent. Enrolled in an undergraduate program, graduate program, or a recent graduate (2016, 2017, or 2018) of Biology, Conservation, Environmental Studies, Marine Biology, Ichthyology or related field, or equivalent
- Valid driver’s license and compliance with Conservancy’s Auto Safety Program (see Auto Safety Policy section)
- Experience with scientific research
- Ability to work in a team environment
- Strong organizational skills and attention to detail and deadlines
- Willingness to work with minors and ability to meet internal Youth Safety qualification standards. To be Youth Qualified, one must 1) consent to and successfully complete a background screening; 2) sign the Commitment to Youth Safety; and, 3) complete two online courses (approximately 30 minutes each) through Learn@TNC

DESIRED QUALIFICATIONS

- Completion of The Nature Conservancy’s LEAF Internship Program
- Training of New England fish and systems
- Experience working independently and meet deadlines
- Strong organizational skills
- CPR/First Aid certification
- Boating experience
- Lifeguard certification
Step 2: Give it a shot!

- Take some general education courses that can also serve as a gateway to the major
- Join the listserv of a major you are interested in.
- Take advantage of professor office hours to strike up a conversation about their career path (they were all college students once, too!)
You Won’t (Really) Know Until You Try It

1. Volunteer
2. Internship
3. Research on or off campus
4. Teaching Assistant (TA) for a class
5. Intentional part time and summer jobs
HAVE OTHER QUESTIONS?

Career Center Drop In Hours
Roosevelt Hall, South Side
M–F
10am–3pm

Academic Advising Drop In Hours
Roosevelt Hall, North Side
M–F
2pm–4pm